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United States
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**Forest
Service**

FS-379

1981 U.S. Forest Planting Report

NOTE

THE DATA PRESENTED IN THIS REPORT COME FROM MANY SOURCES AND VARY CONSIDERABLY IN QUALITY AND ACCURACY. BECAUSE OF THIS, THE READER IS ADVISED TO USE THEM AS APPROXIMATIONS.

SEPTEMBER 1982

1981 U.S. FOREST PLANTING REPORT

(OCTOBER 1, 1980, TO SEPTEMBER 30, 1981)

ACRES PLANTED -- FISCAL YEAR 1981 AND PREVIOUS YEARS

TREE PLANTING AND SEEDING DURING FISCAL YEAR (FY) 1981 (OCTOBER 1, 1980, TO SEPTEMBER 30, 1981), AS REPORTED BY VARIOUS AGENCIES, PRINCIPALLY THE STATE FORESTERS, WERE AS FOLLOWS:

1981

	ACRES
FOREST AND WINDBARRIER PLANTINGS	1847824
DIRECT SEEDING	78720
TOTAL	1926544

PREVIOUS YEARS

1980	2266956
1979	2061373
1978	2088568
1977	1978170
1976	1892309
1975	1930468
1974	1603467
1973	1749691
1972	1680175
1960	3137460
1950	497507
1940	519051
1930	138970

TABLE 5 OF THIS REPORT SUMMARIZES TREE PLANTING AND SEEDING ACTIVITIES BY OWNERSHIP CLASS AND TYPE OF PLANTING IN EACH STATE. FOREST AND WINDBARRIER PLANTING EXCEEDED 100000 ACRES IN THE FOLLOWING STATES:

STATE	ACRES
GEORGIA	216117
ALABAMA	160390
MISSISSIPPI	138565
ARKANSAS	128203
SOUTH CAROLINA	123233

TOTAL PLANTING AND SEEDING BY OWNERSHIP CATEGORY IN FY 1981 WERE:

FEDERAL GOVERNMENT	ACRES	% OF ALL PLANTING
NATIONAL FOREST	312485	16.22
DEPT. OF THE INTERIOR	50918	2.64
OTHER FEDERAL	11171	0.58
TOTAL	374574	19.44
NON-FEDERAL PUBLIC		
STATE FOREST LAND	41986	2.18
OTHER STATE LAND	10216	0.53
OTHER PUBLIC AGENCIES	3765	0.20
TOTAL	55967	2.91
PRIVATE OWNERSHIPS		
FOREST INDUSTRY	827549	42.96
OTHER INDUSTRY	86114	4.47
NONINDUSTRIAL PRIVATE	582340	30.23
TOTAL	1496003	77.65
GRAND TOTAL	1926544	100.00

SOURCES OF PLANTING STOCK

NURSERY PRODUCTION OF FOREST AND WINDBARRIER PLANTING STOCK BY PUBLIC AND INDUSTRIAL NURSERIES TOTALED OVER 1.5 BILLION SEEDLINGS IN FY 1981:

	MILLION TREES	% OF TOTAL
FEDERAL NURSERIES	27.05	1.80
STATE NURSERIES	753.97	50.14
OTHER PUBLIC NURSERIES	6.20	0.41
INDUSTRY NURSERIES	716.48	47.65
TOTAL	1503.70	100.00

MOST STOCK PRODUCED IN FEDERAL NURSERIES IS PLANTED ON NATIONAL FOREST LANDS. ALTHOUGH MOST SEEDLINGS PRODUCED IN FOREST INDUSTRY NURSERIES ARE PLANTED ON COMPANY LANDS, SOME STOCK IS DISTRIBUTED TO OTHER PRIVATE LANDOWNERS THROUGH VARIOUS COMPANY PROGRAMS.

IN STATE NURSERIES, FOREST TREE SEEDLING PRODUCTION, PROCUREMENT, AND DISTRIBUTION ACTIVITIES ARE CONDUCTED UNDER THE FEDERAL/STATE RURAL FORESTRY ASSISTANCE PROGRAM. IN FY 1981, NURSERY PRODUCTION EXCEEDED 40 MILLION SEEDLINGS IN THE FOLLOWING STATES:

STATE	SEEDLINGS
GEORGIA	78213000
LOUISIANA	73200000
MISSISSIPPI	65484000
SOUTH CAROLINA	59316000
VIRGINIA	57948000
NORTH CAROLINA	57390000
ALABAMA	55826000
FLORIDA	48492000

IN FY 1981, THE STATE NURSERIES OF THESE EIGHT STATES PRODUCED 496 MILLION TREES (32.2 PERCENT OF ALL TREES PRODUCED).

Tables

TABLE 1

ACRES OF FOREST PLANTING ON FEDERAL LAND
(INCLUDING SEEDING AND WINDBARRIER PLANTING)

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	NATIONAL FORESTS	U.S. DEPT. OF INTERIOR & INDIAN RESERVATIONS	OTHER FEDERAL	TOTAL
ALABAMA	3046	0	244	3290
ALASKA	1381	770	0	2151
ARIZONA	5455	1021	19	6495
ARKANSAS	23912	9	35	23956
CALIFORNIA	34619	2849	6	37474
COLORADO	5722	751	5	6478
CONNECTICUT	0	0	20	20
DELAWARE	0	0	0	0
FLORIDA	9023	185	1842	11050
GEORGIA	4181	0	1164	5345
HAWAII	0	0	0	0
IDAHO	32432	793	0	33225
ILLINOIS	831	0	31	862
INDIANA	359	0	179	538
IOWA	0	0	259	259
KANSAS	0	0	13	13
KENTUCKY	2032	0	31	2063
LOUISIANA	5382	5	50	5437
MAINE	0	0	55	55
MARYLAND	0	0	9	9
MASSACHUSETTS ..	0	0	9	9
MICHIGAN	6259	0	47	6306
MINNESOTA	9450	439	14	9903
MISSISSIPPI	7455	345	543	8343
MISSOURI	1854	0	24	1878
MONTANA	29030	1053	0	30083
NEBRASKA	0	0	254	254
NEVADA	0	0	0	0
NEW HAMPSHIRE ..	261	0	78	339
NEW JERSEY	0	0	1	1
NEW MEXICO	6542	5415	50	12007
NEW YORK	0	0	27	27
NORTH CAROLINA .	3054	4560	495	8109
NORTH DAKOTA ...	0	5	386	391
OHIO	118	76	52	246
OKLAHOMA	1990	296	77	2363
OREGON	63097	28507	0	91604
PENNSYLVANIA ...	15	0	37	52
RHODE ISLAND ...	0	0	0	0
SOUTH CAROLINA .	4098	75	2862	7035
SOUTH DAKOTA ...	0	0	163	163
TENNESSEE	1722	0	668	2390
TEXAS	4552	0	113	4665
UTAH	1229	0	0	1229
VERMONT	342	0	2	344
VIRGINIA	1207	0	682	1889
WASHINGTON	36629	3172	499	40300
WEST VIRGINIA ..	120	0	33	153
WISCONSIN	2606	189	92	2887
WYOMING	2360	403	1	2764
STATE TOTALS ...	312365	50918	11171	374454
PUERTO RICO	120	0	0	120
VIRGIN ISLANDS..	0	0	0	0
GUAM	0	0	0	0
GRAND TOTALS ...	312485	50918	11171	374574

TABLE 2

ACRES OF FOREST PLANTING ON NON-FEDERAL PUBLIC LAND
(INCLUDING SEEDING AND WINDBARRIER PLANTING)

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	STATE FOREST LAND	OTHER STATE LAND	OTHER PUBLIC AGENCIES	TOTAL
ALABAMA	0	0	0	0
ALASKA	0	0	0	0
ARIZONA	0	0	0	0
ARKANSAS	40	0	0	40
CALIFORNIA	163	52	70	285
COLORADO	0	0	120	120
CONNECTICUT	137	0	125	262
DELAWARE	0	0	0	0
FLORIDA	360	93	200	653
GEORGIA	250	404	321	975
HAWAII	117	0	0	117
IDAHO	0	0	0	0
ILLINOIS	98	670	190	958
INDIANA	0	0	0	0
IOWA	0	0	0	0
KANSAS	0	0	0	0
KENTUCKY	7	20	0	27
LOUISIANA	0	0	0	0
MAINE	0	0	0	0
MARYLAND	245	40	0	285
MASSACHUSETTS ..	0	0	0	0
MICHIGAN	5500	150	250	5900
MINNESOTA	0	0	0	0
MISSISSIPPI	211	3623	0	3834
MISSOURI	0	0	0	0
MONTANA	140	0	0	140
NEBRASKA	0	0	0	0
NEVADA	0	10	0	10
NEW HAMPSHIRE ..	0	0	0	0
NEW JERSEY	21	8	28	57
NEW MEXICO	0	10	10	20
NEW YORK	356	16	20	392
NORTH CAROLINA .	500	190	0	690
NORTH DAKOTA ...	0	0	0	0
OHIO	90	1917	855	2862
OKLAHOMA	0	300	40	340
OREGON	9107	0	980	10087
PENNSYLVANIA ...	392	59	98	549
RHODE ISLAND ...	0	0	0	0
SOUTH CAROLINA .	520	24	121	665
SOUTH DAKOTA ...	0	0	0	0
TENNESSEE	483	2297	0	2780
TEXAS	0	0	0	0
UTAH	5	42	0	47
VERMONT	0	0	0	0
VIRGINIA	244	210	295	749
WASHINGTON	23000	0	0	23000
WEST VIRGINIA ..	0	35	42	77
WISCONSIN	0	0	0	0
WYOMING	0	23	0	23
STATE TOTALS ...	41986	10193	3765	55944
PUERTO RICO	0	0	0	0
VIRGIN ISLANDS .	0	0	0	0
GUAM	0	23	0	23
GRAND TOTALS ...	41986	10216	3765	55967

TABLE 3

ACRES OF FOREST PLANTING ON PRIVATELY OWNED LAND
(INCLUDING SEEDING AND WINDBARRIER PLANTING)

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	NONINDUSTRIAL PRIVATE	FOREST INDUSTRY	OTHER INDUSTRY	TOTAL
ALABAMA	59204	101186	0	160390
ALASKA	61	0	0	61
ARIZONA	401	0	0	401
ARKANSAS	19208	108995	0	128203
CALIFORNIA	8381	35656	4315	48352
COLORADO	851	0	545	1396
CONNECTICUT	1513	0	130	1643
DELAWARE	1345	0	0	1345
FLORIDA	25474	0	30170	55644
GEORGIA	46572	154066	15479	216117
HAWAII	441	0	0	441
IDAHO	344	3561	0	3905
ILLINOIS	4937	0	0	4937
INDIANA	901	0	0	901
IOWA	3820	0	0	3820
KANSAS	3140	0	0	3140
KENTUCKY	3400	2500	6000	11900
LOUISIANA	16406	0	4628	21034
MAINE	2438	0	0	2438
MARYLAND	4173	2700	0	6873
MASSACHUSETTS ..	247	0	0	247
MICHIGAN	10554	5200	0	15754
MINNESOTA	4999	0	0	4999
MISSISSIPPI	48562	89014	689	138265
MISSOURI	6137	0	0	6137
MONTANA	30	6716	0	6746
NEBRASKA	5079	0	0	5079
NEVADA	140	100	0	240
NEW HAMPSHIRE ..	1236	0	0	1236
NEW JERSEY	374	0	50	424
NEW MEXICO	597	0	1810	2407
NEW YORK	1428	0	0	1428
NORTH CAROLINA .	44799	54573	0	99372
NORTH DAKOTA ...	135	0	0	135
OHIO	8032	28	40	8100
OKLAHOMA	5547	2063	0	7610
OREGON	15883	77027	0	92910
PENNSYLVANIA ...	4142	103	1243	5488
RHODE ISLAND ...	33	0	0	33
SOUTH CAROLINA .	34613	72522	15977	123112
SOUTH DAKOTA ...	0	0	0	0
TENNESSEE	2728	11793	1150	15671
TEXAS	29060	0	0	29060
UTAH	51	0	34	85
VERMONT	66500	0	0	66500
VIRGINIA	55394	27746	1469	84609
WASHINGTON	8640	68347	0	76987
WEST VIRGINIA ..	3359	3653	2385	9397
WISCONSIN	19602	0	0	19602
WYOMING	1120	0	0	1120
STATE TOTALS ...	582031	827549	86114	1495694
PUERTO RICO	284	0	0	284
VIRGIN ISLANDS .	18	0	0	18
GUAM	7	0	0	7
GRAND TOTALS ...	582340	827549	86114	1496003

TABLE 4

ACRES OF DIRECT SEEDING ON ALL OWNERSHIPS OF LAND
(INCLUDED IN TABLES 1, 2, & 3)

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	FEDERAL	OTHER PUBLIC	NON-INDUSTRIAL PRIVATE	FOREST & OTHER INDUSTRY	TOTAL
ALABAMA	0	0	3300	6500	9800
ALASKA	0	0	0	0	0
ARIZONA	0	0	0	0	0
ARKANSAS	3790	0	180	18795	22765
CALIFORNIA	1380	0	1800	600	3780
COLORADO	2	0	5	0	7
CONNECTICUT	0	0	0	0	0
DELAWARE	0	0	0	0	0
FLORIDA	3622	0	22	0	3644
GEORGIA	0	0	0	2544	2544
HAWAII	0	0	15	0	15
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	100	0	0	0	100
IOWA	0	0	0	0	0
KANSAS	0	0	80	0	80
KENTUCKY	0	0	0	4000	4000
LOUISIANA	472	0	783	160	1415
MAINE	0	0	0	0	0
MARYLAND	0	0	0	0	0
MASSACHUSETTS	1	0	0	0	1
MICHIGAN	766	0	0	200	966
MINNESOTA	2711	0	0	0	2711
MISSISSIPPI	0	0	5547	2997	8544
MISSOURI	860	0	982	0	1842
MONTANA	229	0	0	1989	2218
NEBRASKA	0	0	9	0	9
NEVADA	0	0	0	0	0
NEW HAMPSHIRE	0	0	95	0	95
NEW JERSEY	21	0	0	0	21
NEW MEXICO	0	0	0	0	0
NEW YORK	0	0	0	0	0
NORTH CAROLINA	0	0	1390	766	2156
NORTH DAKOTA	0	0	0	0	0
OHIO	0	0	0	0	0
OKLAHOMA	0	0	1	0	1
OREGON	42	5	0	3473	3520
PENNSYLVANIA	0	0	35	0	35
RHODE ISLAND	0	0	0	0	0
SOUTH CAROLINA	0	0	0	200	200
SOUTH DAKOTA	0	0	0	0	0
TENNESSEE	0	0	169	0	169
TEXAS	46	0	374	0	420
UTAH	0	0	0	0	0
VERMONT	0	0	0	0	0
VIRGINIA	0	295	625	0	920
WASHINGTON	14	0	0	2570	2584
WEST VIRGINIA	0	0	61	3240	3301
WISCONSIN	0	0	0	0	0
WYOMING	857	0	0	0	857
STATE TOTALS	14913	300	15473	48034	78720
PUERTO RICO	0	0	0	0	0
VIRGIN ISLANDS	0	0	0	0	0
GUAM	0	0	0	0	0
GRAND TOTALS	14913	300	15473	48034	78720

TABLE 5

SUMMARY OF TREE PLANTING
(INCLUDING SEEDING AND WINDBARRIER PLANTING)

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	TABLE 1	TABLE 2	TABLE 3	TOTAL
	FEDERAL (ACRES)	NON-FEDERAL PUBLIC (ACRES)	PRIVATE (ACRES)	ACRES PLANTED
ALABAMA	3290	0	160390	163680
ALASKA	2151	0	61	2212
ARIZONA	6495	0	401	6896
ARKANSAS	23956	40	128203	152199
CALIFORNIA	37474	285	48352	86111
COLORADO	6478	120	1396	7994
CONNECTICUT	20	262	1643	1925
DELAWARE	0	0	1345	1345
FLORIDA	11050	653	55644	67347
GEORGIA	5345	975	216117	222437
HAWAII	0	117	441	558
IDAHO	33225	0	3905	37130
ILLINOIS	862	958	4937	6757
INDIANA	538	0	901	1439
IOWA	259	0	3820	4079
KANSAS	13	0	3140	3153
KENTUCKY	2063	27	11900	13990
LOUISIANA	5437	0	21034	26471
MAINE	55	0	2438	2493
MARYLAND	9	285	6873	7167
MASSACHUSETTS ..	9	0	247	256
MICHIGAN	6306	5900	15754	27960
MINNESOTA	9903	0	4999	14902
MISSISSIPPI	8343	3834	138265	150442
MISSOURI	1878	0	6137	8015
MONTANA	30083	140	6746	36969
NEBRASKA	254	0	5079	5333
NEVADA	0	10	240	250
NEW HAMPSHIRE ..	339	0	1236	1575
NEW JERSEY	1	57	424	482
NEW MEXICO	12007	20	2407	14434
NEW YORK	27	392	1428	1847
NORTH CAROLINA .	8109	690	99372	108171
NORTH DAKOTA ...	391	0	135	526
OHIO	246	2862	8100	11208
OKLAHOMA	2363	340	7610	10313
OREGON	91604	10087	92910	194601
PENNSYLVANIA ...	52	549	5488	6089
RHODE ISLAND ...	0	0	33	33
SOUTH CAROLINA .	7035	665	123112	130812
SOUTH DAKOTA ...	163	0	0	163
TENNESSEE	2390	2780	15671	20841
TEXAS	4665	0	29060	33725
UTAH	1229	47	85	1361
VERMONT	344	0	66500	66844
VIRGINIA	1889	749	84609	87247
WASHINGTON	40300	23000	76987	140287
WEST VIRGINIA ..	153	77	9397	9627
WISCONSIN	2887	0	19602	22489
WYOMING	2764	23	1120	3907
STATE TOTALS ...	374454	55944	1495694	1926092
PUERTO RICO	120	0	284	404
VIRGIN ISLANDS .	0	0	18	18
GUAM	0	23	7	30
GRAND TOTALS ...	374574	55967	1496003	1926544

TABLE 6

ACRES OF TIMBER STAND IMPROVEMENT

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	NONINDUSTRIAL PRIVATE	FOREST & OTHER INDUSTRY	NON-FEDERAL PUBLIC	TOTAL
ALABAMA	16639	0	0	16639
ALASKA	2397	0	0	2397
ARIZONA	570	0	1096	1666
ARKANSAS	9241	53018	80	62339
CALIFORNIA	3828	17829	1700	23357
COLORADO	2546	0	125	2671
CONNECTICUT	4540	0	743	5283
DELAWARE.....	97	0	0	97
FLORIDA	3363	750	610	4723
GEORGIA	2009	14100	355	16464
HAWAII	5	0	540	545
IDAHO	361	9838	0	10199
ILLINOIS	3346	0	120	3466
INDIANA	12153	0	0	12153
IOWA	1448	0	0	1448
KANSAS	511	0	0	511
KENTUCKY	7497	0	0	7497
LOUISIANA	38347	238230	0	276577
MAINE	3483	500	0	3983
MARYLAND	1583	600	501	2684
MASSACHUSETTS ..	9195	0	0	9195
MICHIGAN	7252	500	5625	13377
MINNESOTA	6299	0	0	6299
MISSISSIPPI	25845	7683	6040	39568
MISSOURI	6339	0	0	6339
MONTANA	1220	11539	1553	14312
NEBRASKA	250	0	0	250
NEVADA	568	0	50	618
NEW HAMPSHIRE ..	5597	0	0	5597
NEW JERSEY	1955	34	1000	2989
NEW MEXICO	1153	10	10	1173
NEW YORK	11149	0	0	11149
NORTH CAROLINA .	2172	6948	160	9280
NORTH DAKOTA ...	94	0	5	99
OHIO	9006	2455	2378	13839
OKLAHOMA	2455	2000	0	4455
OREGON	11352	228251	8134	247737
PENNSYLVANIA ...	4986	0	4000	8986
RHODE ISLAND ...	364	0	0	364
SOUTH CAROLINA .	12472	0	0	12472
SOUTH DAKOTA ...	691	0	0	691
TENNESSEE	699	0	0	699
TEXAS	43535	0	0	43535
UTAH	0	0	65	65
VERMONT	5886	0	0	5886
VIRGINIA	22268	975	1052	24295
WASHINGTON	6741	135230	19160	161131
WEST VIRGINIA ..	10946	48	90	11084
WISCONSIN	11088	0	0	11088
WYOMING	675	0	275	950
STATE TOTALS ...	336216	730538	55467	1122221
PUERTO RICO	203	0	0	203
VIRGIN ISLANDS .	14	0	0	14
GUAM	24	0	46	70
GRAND TOTALS ...	336457	730538	55513	1122508

TABLE 7

PRODUCTION OF FOREST AND WINDBARRIER STOCK

OCTOBER 1, 1980 - SEPTEMBER 30, 1981

	NURSERIES				
	FEDERAL	STATE	OTHER PUBLIC	INDUSTRY	TOTAL
	THOUSAND TREES				
ALABAMA	0	55826	0	95756	151582
ALASKA	532	233	0	0	765
ARIZONA	0	0	68	0	68
ARKANSAS	0	27467	0	76000	103467
CALIFORNIA	4665	4996	51	11666	21378
COLORADO	765	1578	0	0	2343
CONNECTICUT	0	2133	0	0	2133
DELAWARE	0	227	500	0	727
FLORIDA	51	48492	0	74784	123327
GEORGIA	0	78213	0	165774	243987
HAWAII	0	113	0	0	113
IDAHO	4002	929	0	1520	6451
ILLINOIS	0	6500	0	0	6500
INDIANA	0	6000	0	0	6000
IOWA	0	3621	0	0	3621
KANSAS	0	1110	0	119	1229
KENTUCKY	0	10700	0	0	10700
LOUISIANA	455	73200	0	24	73679
MAINE	24	2694	0	1800	4518
MARYLAND	0	2940	0	0	2940
MASSACHUSETTS	0	0	0	0	0
MICHIGAN	695	9500	10	300	10505
MINNESOTA	41	22415	0	0	22456
MISSISSIPPI	300	65484	1750	339	67873
MISSOURI	0	10483	0	0	10483
MONTANA	0	1007	0	720	1727
NEBRASKA	2916	3147	0	0	6063
NEVADA	0	125	0	0	125
NEW HAMPSHIRE	0	901	0	0	901
NEW JERSEY	0	787	0	0	787
NEW MEXICO	40	0	83	0	123
NEW YORK	0	5805	0	0	5805
NORTH CAROLINA	0	57390	0	52563	109953
NORTH DAKOTA	0	1251	2960	0	4211
OHIO	0	8311	0	105	8416
OKLAHOMA	0	4994	0	40000	44994
OREGON	5867	23200	0	43300	72367
PENNSYLVANIA	0	4507	0	0	4507
RHODE ISLAND	0	0	0	0	0
SOUTH CAROLINA	0	59316	0	0	59316
SOUTH DAKOTA	0	573	0	0	573
TENNESSEE	0	7116	0	0	7116
TEXAS	0	37947	0	74700	112647
UTAH	0	290	0	0	290
VERMONT	33	58	0	0	91
VIRGINIA	0	57948	0	7770	65718
WASHINGTON	6652	23400	180	67991	98223
WEST VIRGINIA	0	3886	546	1246	5678
WISCONSIN	12	16180	0	0	16192
WYOMING	0	334	43	0	377
STATE TOTALS	27050	753327	6191	716477	1503045
PUERTO RICO	0	600	0	0	600
VIRGIN ISLANDS	0	13	0	0	13
GUAM	0	30	10	0	40
GRAND TOTALS	27050	753970	6201	716477	1503698

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